



# Maths

**By: Mohamed Nasreldin**

**Mathematics Exercises for  
October and November Syllabus**

**4<sup>th</sup>**

**Primary  
First Term**

**2022**

T

a 150

1,500

© 15,000

d 1,005

2

a L+W

**b**  $L \times W$

©  $2 \times (L+W)$

d  $(2 \times L) + W$

3

a  $3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000$

**b**  $3 + 60 + 500 + 1,000 + 20,000 + 700,000$

**C**  $3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000$

d  $3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000$

4

a 29

(b) 65

© 15

d 35

5

**a**  $635 + 492 = 492 + 635$

**b**  $0 + 847 = 847$

**C**  $(18 + 2) + 16 = 36$

d  $1 + 131 = 132$

6

a 430

**b** 4,300

© 43,000

d 430,000

- 7 A rectangle, its length = 8 cm, its width = 4 cm, then its **area** = .....  $\text{cm}^2$ .
- (a) 32 (b) 12  
(c) 24 (d) 64
- 8 The population of a country is 56,724,033, then the **place value** of the digit 6 is in .....
- (a) Thousands. (b) Hundred - thousand.  
(c) Millions. (d) Ten - million.
- 9  $13 + 0 = 13$ , is the ..... Property.
- (a) Associative. (b) Commutative.  
(c) Additive Identity. (d) None of the above.
- 10  $423 \text{ cm} = \dots\dots\dots$ .
- (a) 23 m, 4 cm. (b) 42 m, 3 cm.  
(c) 4 m, 23 cm. (d) 3 m, 42 cm.
- 11 Which digit can be placed in the bubble to make the mathematical expression correct?
- $6,201,351 > 6,20 \text{ (bubble) },351$
- (a) 0 (b) 1  
(c) 2 (d) 3
- 12 Which of the following is a **digit**?
- (a) 10 (b) 9  
(c) Three thousands and five. (d) 3,214,470
- 13 13 liters and 30 ml = ..... ml.
- (a) 1,330 (b) 13,030  
(c) 43 (d) 3,013

- 14** The number 1 milliard, 235 million, and 127 in **Standard Form** = .....
- a 1,235,000,127                      b 1,235,127  
c 1,272,351                          d 1,235,127,000
- 15** Round 6,749,001,551 to the nearest **Milliard** = .....
- a 6,000,000,000                      b 7,000,000,000  
c 6,700,000,000                      d 8,000,000,000
- 16** 2 days and 2 hours = ..... hours.
- a 22                                      b 4  
c 62                                      d 50
- 17** In the number 34,042, the digit 4 in the Thousands place is equal to ..... times the digit 4 in the Tens place.
- a 10                                      b 100  
c 1,000                                  d 10,000
- 18** All of the following statements are true, except:
- a If the digit in the number moves one place to the left, it multiplies ten times.  
b If the digit in the number moves one place to the right, it multiplies ten times.  
c If the digit in the number moves two places to the left, it multiplies hundred times.  
d If the digit in the number moves three places to the left, it multiplies thousand times.
- 19** Omar had 4,500 pounds, and after two years, the amount he had has been doubled ten times. How much money does Omar have now?
- a 9,000                                  b 4,510  
c 45,000                                d 45,004,500

- 20** The correct **verbal form** of the number 1,271,305 is:
- (a) One million, two hundred seventy-one thousand, five hundred and three.
  - (b) One million, two hundred seventy-one, three hundred and fifty.
  - (c) One million, one hundred and seventy two thousand, three hundred and five.
  - (d) One million, two hundred seventy one thousand, three hundred and five.
- 21** Which of the following statements is correct?
- (a)  $4,646 < 4,466$
  - (b)  $4,646 > 4,664$
  - (c)  $4,664 > 4,646$
  - (d)  $4,646 = 4,664$
- 22** Which of the following is the correct **ascending** order:
- (a) 573 , 580 , 735 , 757
  - (b) 735 , 508 , 573 , 757
  - (c) 4735 , 757 , 573 , 580
  - (d) 757 , 735 , 580 , 573
- 23** The ascending order of the following numbers:
- 1-  $6 \times 100000 + 4 \times 10000 + 5 \times 1000 + 3 \times 100 + 1 \times 1$
  - 2- six hundred and fifty three thousand, three hundred.
  - 3- 604302
  - 4- Five hundred and eighty eight thousand three hundred and ten.
- (a) 1, 3, 2, 4
  - (b) 4, 3, 2, 1
  - (c) 4, 2, 1, 3
  - (d) 4, 1, 3, 2
- 24** Rounding the number 34089 to the nearest ten-thousand is:
- (a) 34,000
  - (b) 34,090
  - (c) 30,000
  - (d) 35,000
- 25** The expression that expresses the correct approximation:
- (a) 3,100 is rounding 3,191 to the nearest hundred.
  - (b) 210 is rounding 201 to the nearest ten.
  - (c) 4,000 is rounding 3,535 to the nearest thousand.
  - (d) 6,000,000 is rounding 5,006,666 to the nearest million.

**26** The correct strategy to find the result of  $122 - 49$  is ..... (using mental computation):

- a Find the result of  $122 - 50$ , then subtract 1.
- b Find the result of  $122 - 50$ , then add 1.
- c Find the result of  $122 - 40$ , then add 9.
- d Find the result of  $120 - 49$ , then subtract 2.

**27** Subtract:  $613 - 247 = \dots\dots\dots$ .

- a 567
- b 434
- c 366
- d 807

**28** Maryam bought a novel containing 316 pages, of which she read 129 pages. Which of the following Bar Representation represents the remaining pages:

- a 

129
316    ?
- b 

?
129    316
- c 

316
129    ?
- d 

?
316    129

**29** Which of the following sentences expresses a correct relationship between the units of mass:

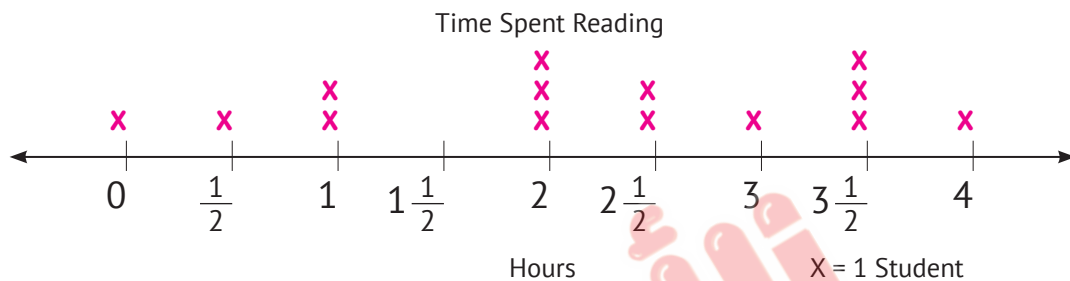
- a 1 gram = 1000 kilograms.
- b 1 kilogram = 1000 tons.
- c 1 gram = 1000 tons.
- d 1 tons = 1000 kilogram.

**30** Using the relationship between units of length; choose the correct answer to complete the following table:

Kilometer	Meter	Centimeter
60	60000	?

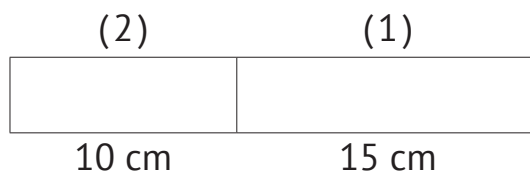
- a 600
- b 6,000
- c 60,000
- d 6,000,000

- 31** Adel spends 6 hours at school. If we want to calculate Adel's school day in minutes, we:
- a add 6 to 60
  - b add 6 to 24
  - c multiply 6 by 60
  - d multiply 6 by 24
- 32** Ask a group of your classmates about how many hours they spent reading yesterday. This Line Plot shows the students' responses.



Which question could be answered using the Line Plot?

- a How many students spent 3 or more hours?
  - b How many students read 2 books yesterday?
  - c Did older students spend more time reading than younger students?
  - d How many students read all books?
- 33** A rectangle of 20 cm length and 10 cm width, then its area is ..... square cm.
- a  $2 \times 20 + 2 \times 10$
  - b  $20 + 10$
  - c 60
  - d 200
- 34** In the opposite figure, if the perimeter of the figure (1) is 50 cm, then the area of the figure (2) is ..... square cm.



- a** 100                      **b** 60  
**c** 150                      **d** 70

**35** Seif wrote the number 3,562,781.

Marwa wrote the number 23,482,513.

Why is the value of the 5 in Seif's number different than the value of the digit 5 in Marwa's number?

- a** The digits to the left of each 5 are different.
- b** The place values of each 5 are different.
- c** The digits to the right of each 5 are different.
- d** The total number of digits in each number are different.

**36** Which expression is the **Expanded Form** of 10,005,007?

- a** 18,605,00
- b** 81,605,000
- c** 1,860,5
- d** 18,650,000

**37** Which expression is the **Expanded Form** of 10,005,007?

- a**  $10,000,000 + 5,000 + 7$
- b**  $10,000 + 5,000 + 7$
- c**  $1,000 + 500 + 7$
- d**  $1,000,000 + 500 + 7$

**38** Town A's library has three hundred sixty-two thousand, twenty-one books. Town B's library has three hundred twenty-six thousand, one hundred two books. Which choice below correctly compares the number of books in both towns' libraries?

- a**  $362,021 < 326,102$
- b**  $326,102 = 362,021$
- c**  $362,021 > 326,102$
- d**  $326,102 > 362,021$

**39** Which answer represents rounding 32,582,346 to the nearest million?

- a** 30,000,000
- b** 32,600,000
- c** 32,000,000
- d** 33,000,000

**40** Which equation would be best to include in an explanation of the Commutative Property of Addition?

- a**  $8 + 0 = 8$
- b**  $7 + 8 = 8 + 7$
- c**  $3 + 18 = 3 + 11 + 7$
- d**  $5 + 8 = 3 + 10$



- 41** Hayam writes  $22 - (10 + 1) = (22 - 10) + 1$ . Is the statement true? Choose the answer below that also includes the best explanation.
- a** Yes, because the Associative Property applies to subtraction.
  - b** Yes, because the Commutative Property applies to subtraction.
  - c** No, because the Associative Property does not apply to subtraction.
  - d** No, because the Commutative Property does not apply to subtraction.

- 42** Farid begins solving a subtraction problem. What is his next step? Choose the best answer.

$$\begin{array}{r} 737 \\ - 484 \\ \hline 3 \end{array}$$

- a** Subtract 8 from 3 in the Tens place.
  - b** Add 3 and 8 in the Tens place.
  - c** Regroup the Tens place and add 8 and 13.
  - d** Regroup the Tens place and subtract 8 from 13.
- 43** Which choice shows how you could correctly use rounding to estimate a reasonable answer for the problem  $816 - 257$ ?
- a**  $810 - 260 = 550$
  - b**  $820 - 260 = 560$
  - c**  $800 - 250 = 550$
  - d**  $820 - 250 = 570$
- 44** A local bakery sold 1,232 zalabya in one day. If they sold 876 zalabya in the morning, how many were sold during the rest of the day?
- a** 356
  - b** 520
  - c** 1,588
  - d** 2,108
- 45** The Suez Canal extends from Port Said to the city of Suez and is 193,120 meters long. If a boat travels 38,620 meters each day for 5 days, how many more meters will it need to travel to reach the end of the canal?
- a** 5 meters.
  - b** 20 meters.
  - c** 154,500 meters.
  - d** 385,220 meters.

**46** Nahed wants to put a ribbon border around a blanket she is making. The width of the blanket is 3 meters. The perimeter of the blanket is 14 meters. How long are each of the long sides of the blanket?

- a** 17 meters.
- b** 11 meters.
- c** 8 meters.
- d** 4 meters.

**47** Which sentence best explains the relationship between a meter and a kilometer?

- a** A kilometer is equal to 100 meters.
- b** A kilometer is equal to 1,000 meters.
- c** A meter is equal to 1,000 kilometers.
- d** A meter is equal to 100 kilometers.

**48** A bucket holds 6 liters of water. To find the number of milliliters the bucket holds, a student could ..... 1,000 because each liter equals 1,000 milliliters.

- a** add 6 and.
- b** subtract 6 from.
- c** multiply 6 by.
- d** divide 6 by.

**49** Omar is training for a swimming competition. To track his progress, Omar uses a table to log the distance he swims each day in different units of measurement.

Kilometers	Meters	Centimeters
5 km	?	?

Which answer choice best completes the table?

- a** 500 m and 50,000 cm.
- b** 5,000 m and 500,000 cm.
- c** 5,000 m and 5,000,000 cm.
- d** 500 m and 500,000 cm.

- 50** A water tank contains 11 liters of water. Laila removes 3 liters of water from the tank, then removes 4 more. Laila wants to know how much water is left in the tank.
- Choose the best answer to explain one way that Laila can determine the amount of water left in the tank.
- a** Subtract 3 from 11, then subtract 4.
  - b** Add 3 and 11, then subtract 4.
  - c** Subtract 3 from 11, then add 4.
  - d** Add 3 and 11, then add 4.
- 51** A wall is 16 meters long. It is split equally into 8 sections. How many centimeters long is each section?
- a** 2,000 centimeters.
  - b** 2 centimeters.
  - c** 20 centimeters.
  - d** 200 centimeters.
- 52** There are 4 bicycles on a road, and 14 times as many cars as bicycles. How many cars are on the road?
- a** 46
  - b** 14
  - c** 56
  - d** 18
- 53** Which comparison is correct?
- a** 9 is 4 times greater than 27.
  - b** 72 is 8 times less than 9.
  - c** 18 is two times greater than 9.
  - d** 45 is 5 times greater than 10.

**Second: Complete:**

- 1 Estimate 476,651 by **Front-end Estimation** = .....
- 2 4 minutes and 20 seconds = ..... seconds.
- 3 The Value of the digit 6 in 61,230,478 .....
- 4  $284,615 - 106,392 = \dots\dots\dots$ .
- 5 The **Standard Form** of the numeral: Three million, two hundred and fourteen thousand, and nine hundred thirty-six is .....
- 6 35 Kg and 86 g = ..... g.
- 7  $91,024 + 32,549 = \dots\dots\dots$ .
- 8 The perimeter of a square is 36 cm , then the length of its side = ..... cm.
- 9 The number ..... is 10 times greater than the number one hundred thousand.
- 10 In the opposite Bar Model, the value of b = .....  

b	
9,901	1,000
- 11 A rectangle has 4 cm width, and 6 cm length, then its area = ...  $\text{cm}^2$  .
- 12 The Place Value of the digit 2 in the numeral (2 Ones, 5 Tens) x 100 is .....
- 13 500 Tens = .....
- 14 The greatest number formed from the digits 2, 0, 5, 3 is .....
- 15 The **Decomposed Form** of the numeral 601,207 is .....
- 16 In the corresponding Bar Model: the value of the unknown C = .....  

7620	
C	4310
- 17 If  $853 - A = 751$ ,  
the value of A = .....
- 18 In the equation  $125 + A = 300$ , then A = .....

- 19 The value of the symbol H in the equation  $H - 1,590 = 3,410$  is .....
- 20 In the equation  $G + 710 = 930$ , the value of G is .....
- 21  $3,000 - B = 2,000$ , then the value of B = .....
- 22  $C - 2,348 = 5,053$ , then C = .....
- 23 650 mm = ..... cm.
- 24 8 meters, 45 cm ..... cm.
- 25 5 m = ..... cm.
- 26 9,000 mm = ..... cm.
- 27 ..... m = 350 dm.
- 28 27 km, 55 m = ..... m.
- 29 9 kg - 3,420 gm = ..... gm.
- 30 A box has a mass of 5 kg and 700 g, then its mass in grams = .....
- 31 A jug of 10 liters of water. How many milliliters does it have? .....
- 32 If Ahmed had 100 pounds, and the sum of what he and what his friend had was 350 pounds, then the number of pounds with his friend = .....
- 33 Iman read 96 pages of a book in the first week, 153 in the second week, and 35 pages remained. The number of pages in the book = .....
- 34 The **place value** of the digit 3 in the number 23,174,265 is .....
- 35 ..... =  $450 + 126,000 + 70,000,000$
- 36 20 Tens = .....
- 37 The **Standard Form** of the number: four hundred and nine is .....
- 38 Write in the **Standard Form** the number: 34 million, 97 thousand: .....
- 39 The number 543,186, approximated to the nearest thousand is .....

- 40 The number 163,518,943 to the nearest million is .....
- 41 The Additive Identify Element is .....
- 42 Subtract:  $4,625,269 - \dots\dots\dots 1,000,000$ .
- 43 A week, and two days = ..... days.
- 44 3 hours = ..... minutes.
- 45 96 hours = ..... days.
- 46 A garden in the shape of a square whose sides are 10 meters, then its perimeter = ..... meter.
- 47 A rectangle with a length of 8 cm and a width of 5 cm, then its perimeter = ..... cm.
- 48 A square whose sides are 4 meters, then its area = ..... square meters.
- 49 If the area of a rectangle is 28 square centimeters, and its width is 4 centimeters, its length = ..... cm.
- 50 The length of the side of a square whose perimeter is 28 cm is .....cm.
- 51 A square has an area of 16 square centimeters, then its perimeter = ..... cm.

 **Third: Put (✓) for the right answer and (X) for the wrong answer:**

- 1  $6,514 < 1+20+400+30,000$ . ( )
- 2 To convert 50 millimeters in centimeters, we multiply by 10. ( )
- 3 2 dm, 6 mm < 206 mm. ( )
- 4 The area of a square with a side length 7 cm =  $49 \text{ cm}^2$ . ( )
- 5 1 dm = 10 cm. ( )

- 6  $(5 \times 1) + (8 \times 1,000) + (4 \times 10,000) + (1 \times 10,000) = 1,485.$  ( )
- 7 2 days = 48 hours. ( )
- 8 800 thousands = 8 millions. ( )
- 9 7 weeks and 3 days = 52 days. ( )
- 10 The capacity of a lemon juice bottle is 2 liters, if we want to distribute the juice in small cups, each having a capacity of 200 ml, then the number of cups equals 10. ( )
- 11 A piece of wallpaper, its dimensions are 4 m, and 6 m. Can this piece be used to cover a wall its dimensions are 3 m, and 8 m? ( )
- 12 To convert 50 millimeters in centimeter, we multiply by 10. ( )
- 13  $6,514 > 30,000 + 400 + 20 + 1$  ( )
- 14 2 dm, 6 mm > 206 mm. ( )
- 15 The area of a square with a side length of 7 cm is  $49 \text{ cm}^2$ . ( )
- 16 1 decimeter = 10 cm. ( )
- 17  $1,485 = (1 \times 10,000,000) + (4 \times 10,000) + (8 \times 10,000) + (5 \times 1).$  ( )
- 18 2 days = 48 hours. ( )
- 19 800 thousands = 8 millions. ( )
- 20 7 weeks, 3 days = 52 days. ( )
- 21 2 days = 48 hours. ( )
- 22 A bottle of lemon juice has a capacity of 2 liters, if we want to empty this bottle into small cups of 200 ml each, then the number of cups is 10. ( )
- 23 A piece of wallpaper with dimensions 4 m and 6 m. This piece can be used to cover a wall of dimensions 3 m and 8 m. ( )
- 24 The **Standard Form** of the number: 625 million, 438 thousand, 200 is 625,438,200. ( )
- 25 The one-millionth digit in the number 819,408,376 equals 1. ( )

- 26 The **place value** of the number 5 in the number: 9,008,527,314 is hundreds of thousands. ( )
- 27 The **value** of the number 3 in the number 125,350,479 equals 300,000. ( )
- 28 The **smallest** number that can be formed using the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is 1,203,456,789. ( )
- 29 (3 Tens and 9 Ones) =  $10 \times 390$ . ( )
- 30 The number that is **100 times** the number 45 is 4,500. ( )
- 31 300 one hundred equals 3,000. ( )
- 32 The **Word Form** of the number  $800,000 + 50,000 + 30 + 9$  is eight hundred fifty thousand, thirty-nine. ( )
- 33 The **Decomposed Form** of the number: nine million, four hundred and forty thousand, two hundred and twenty is:  
 $(9 \times 1,000,000) + (4 \times 100,000) + (4 \times 10,000) + (2 \times 1000) + (2 \times 10)$ . ( )
- 34  $500,000 + 40,000 + 3,000 + 10 + 5 >$  five hundred and forty three thousand, fifteen. ( )
- 35 Rounding the number: 8,532 to the nearest 1,000 is approximately 8,000. ( )
- 36 The property  $395 + 0 = 395$  is called **Additive Identity Property**. ( )
- 37 The subtraction is a Commutative process. ( )
- 38 In the equation:  $4,914 + a = 7,593$ , the value of the unknown a is 2,689. ( )
- 39 80 meters, 90 centimeters = 8,900 centimeters. ( )
- 40 4 kilograms, 250 grams = 4,250 grams. ( )
- 41 9 liters, 350 milliliters = 9,350 milliliters. ( )
- 42 Perimeter of rectangle (P) = Length (L) + Width (W)  $\times 2$ . ( )
- 43 Area of rectangle (A) = length (L) + width (W). ( )



**Fourth: Match:**

1	The Additive Identity is .....	a	1
2	$4,000 - 3,999 = \dots\dots\dots$	b	0
3	$2,500,000 < \dots\dots\dots$	c	2
4	$(4 \text{ Hundreds}, 2 \text{ Tens}) \times 10 = \dots\dots\dots$	a	420
5	5 weeks = ..... days.	b	4,200
6	5 minutes = ..... seconds.	c	4,200,000
7	The <b>value</b> of the digit 5 in the numeral 4,12 <b>5</b> ,081 is .....	a	120
8	15 kg = ..... g.	b	300
		c	35
		a	50,000
		b	5,000
		c	15,000

**Match each paragraph of (a) with its appropriate answer in (b):**

	A	B
1	The <b>value</b> of the digit 7 in the number 2 <b>7</b> 0,150,081 is	28
2	$342,000 + 358,000 = \dots\dots\dots$	70,000
3	The number that is 7 times of the number 4 is	700,000
4	Maha saves <b>10</b> pounds of her expenses every day. How much does she save per week?	70,000,000
5	700 hundreds = .....	70

	A	B
1	173 million, 904 thousand, 562	800 Hundreds
2	37 kg, 98 g = ..... g	908,000
3	80,000	522,000
4	(9 Thousands, 8 Tens) x 100	37,098
5	Aya wants to round the number 521,789 to the nearest thousand, the answer would be.....	173,904,562

	A	B
1	$600000 + 5000 + 212$	650,021,000
2	A square whose side is 5 cm, then its perimeter = ..... cm.	120
3	7 liters, 150 milliliters - 780 milliliters = ..... milliliters	20
4	The Standard Form of the number: (six hundred fifty million and twenty-one thousand)	605,212
5	A school with 300 students in the fourth grade of primary school, if the number of boys is 180, then the number of girls = ..... girls.	6,370

	A	B				
1	The number ..... is equal to 10 times the number 750.	490				
2	In the opposite Bar Model, the value of b is ..... <table><tr><td colspan="2">750</td></tr><tr><td>260</td><td>b</td></tr></table>	750		260	b	Hundreds
750						
260	b					
3	The place value of the number 6 in the number 600,000 is .....	100,000				
4	A beehive contains 102,635 bees, the number of bees to the nearest tens of thousands is .....	7,500				
5	The place value that is equal to 100 times the number 3 in the Ones place is the .....	Hundred - thousands				

	A	B
1	Hana says that 5,000 hundred is equal to .....	4,000
2	The largest number formed from the digits (4, 3, 9, 5, 2) is .....	18
3	Mona drank 4 liters of water, the amount she drank in milliliters is equal to .....	500,000
4	The number $8,675 \approx 9,000$ is rounded to the nearest .....	95,432
5	A rectangular rug with an area of 20 square meters and a width of 4 meters, its perimeter is .....	Thousands

	A	B
1	The number 25 million = ..... thousands.	6,454
2	A player runs 1,537 meters, so the distance he travels to the nearest hundred is ..... meter.	25,000
3	..... g = 6 kg, 454 g.	1,500
4	An hour and a quarter of an hour equals ..... minutes.	28
5	Omar draws a picture frame in the form of a rectangle with a length of 8 cm and a width of 6 cm, the perimeter of the frame is ..... cm.	75

**Fifth: Essay questions:**

- 1 If the scale in a Line Plot is 10 and the first point in this line is 5, what is the next point?  
.....  
.....
- 2 A square picture with a side length 8 cm. Hussein wants to make a piece of glass to cover this picture, what is the area of the glass piece?  
.....  
.....
- 3 In the number 888,888, what is the place value of the digit 8 if its value equals 10 times greater than the value of the digit 8 in the Ten-thousands place?  
.....  
.....

- 4 Create a number in the Millions that is greater than ( $>$ ) 178,462,490.

.....  
 .....

- 5 The country has provided a vaccination against the Corona virus. In the first stage, 1,653,465 people were vaccinated and 3,312,447 were vaccinated in the second stage. What is the total number of people vaccinated in both stages?

.....  
 .....

- 6 List the following lengths in an ascending order:

8 m , 8,000 cm , 8 km , 8 mm

The ascending order is: ..... , ..... , ..... , .....

- 7 The population of Matrouh Governorate is 517,901 people, and the population of South Sinai Governorate is 112, 211, then what is the difference between the population of Matrouh Governorate and the population of South Sinai Governorate?

.....  
 .....

- 8 A Rectangular gymnasium 7 meters long and 4 meters wide. Find its perimeter.

.....  
 .....

- 9 Samir and Mohamed participated in a project. Samir paid 342,650 pounds. If the cost of the project is 668,500 pounds, how much is Mohamed paying?

.....  
 .....

- 10** List the following numerals in a **descending** order:

900 Thousands, 9 Millions, 5 Millions and 7 hundred thousands, 550,223

The descending order is: ..... , ..... , ..... , .....

- 11** Hosam has **1,200** minutes in the charge of his calls to the mobile phone, if Hosam consumes **700** minutes of it, how many minutes are left?

.....  
.....

- 12** How many times is the value of the digit in the Hundred-thousands place compared to its value in the Hundreds place?

.....  
.....

- 13** A candy box contains **15** pieces. The number of candy pieces in **10** similar boxes is **1,200** pieces. Do you agree or disagree? Show your answer using a suitable strategy.

.....  
.....

- 14** An ant works from **8:06 am** to **11:23 am**, how long does the ant work?

.....  
.....

- 15** Basma bought a two-liters bottle of milk. She drank **1,200** milliliters from the bottle. How many milliliters of milk are left?

.....  
.....

- 16** A piece of land is in the shape of a rectangle with a width of **9** meters and a length **three times** its width, find its length.

.....  
.....

- 17 A furniture factory produced 5,437 salon rooms in the first year. If the factory production decreased in the second year by 675 salon rooms, how many salon rooms did the factory produce in the second year?

.....

.....

- 18 A road of 675 km length. If a train traveled a distance of 239 km from this road. What is the remaining distance of the road?

.....

.....

- 19 Aya bought potatoes with a mass of 3 kg and 920 grams, and she bought onions which has a mass of 1,075 grams less than the potatoes. What is the mass of onions in grams?

.....

.....

- 20 The fuel tank in the car was filled with 35 liters of gasoline, and at the end of the day 15 liters of fuel remained in the tank. How much fuel did the car consume for that day in liters?

.....

.....

- 21 A square-shaped room has a side length 4 metres. What is the area of the ground of the room in square metres?

.....

.....

- 22 There are 20,000 ants in the colony. If 1,500 ants went out to find food, how many ants did not leave the colony?

.....

.....

- 23** Hana read 6 pages in a week, and Sahar read three times as much as Hana in the same week. Write the equation that expresses the number of pages that Sahar has read.

.....

.....

- 24** Tank (A) holds 678,500 liters of water, and another tank (B) holds 905,867 liters of water. How many liters of water does tank (A) decreased from tank (B)?

.....

.....

- 25** In the number, 4,772 explain how the value of the digit 7 changed when it moved from the Tens place to the Hundreds place?

.....

.....

- 26** A frame of 1 meters width and 2 meters length . It is intended to be hung on a wall whose width is twice the width of the frame, and its length is 3 times the length of the frame. Find the perimeter of the wall.

.....

.....

- 27** A bridge of ants consists of 142 ants, and another bridge consists of 165 ants. How many ants are there in the two bridges together?

.....

.....



**First: Choose the correct answer:**

- |      |      |      |
|------|------|------|
| 1 b  | 2 c  | 3 c  |
| 4 a  | 5 a  | 6 b  |
| 7 a  | 8 c  | 9 c  |
| 10 c | 11 a | 12 b |
| 13 b | 14 a | 15 b |
| 16 d | 17 b | 18 b |
| 19 c | 20 d | 21 c |
| 22 a | 23 b | 24 c |
| 25 c | 26 b | 27 c |
| 28 c | 29 d | 30 d |
| 31 c | 32 a | 33 d |
| 34 a | 35 b | 36 b |
| 37 a | 38 c | 39 c |
| 40 b | 41 c | 42 d |
| 43 b | 44 a | 45 b |
| 46 d | 47 b | 48 c |
| 49 b | 50 a | 51 d |
| 52 c | 53 c |      |

**Second: Complete:**

- |  |              |
|--|--------------|
| 1 400,000  | 2 260        |
| 3 60,000,000   | 4 178,223    |
| 5 3,214,936  | 6 35,086     |
| 7 123,573  | 8 9 cm.      |
| 9 One million.   | 10 10,901    |
| 11 24 cm <sup>2</sup>  | 12 Hundreds. |
| 13 5,000   | 14 5,320     |
| 15 $(1 \times 7) + (100 \times 2) + (1,000 \times 1) + (100,000 \times 6)$ . |              |
| 16 3,310   | 17 102       |
| 18 175   | 19 5,000     |
| 20 220   | 21 1,000     |
| 22 7,401   | 23 65        |
| 24 845   | 25 500       |
| 26 900   | 27 35        |
| 28 2,7055  | 29 5,580     |
| 30 5,700   | 31 10,000    |
| 32 250   | 33 284       |

- 34 Million      35 70,126,450  
 36 200      37 409  
 38 34,097,000      39 543,000  
 40 164,000,000      41 Zero.  
 42 3,625,269      43 9  
 44 180      45 4  
 46 40      47 26  
 48 16      49 7  
 50 7      51 16

**Third: Put (✓) for the right answer and (X) for the wrong answer:**

- 1 (X)      2 (X)      3 (X)  
 4 (✓)      5 (✓)      6 (X)  
 7 (✓)      8 (X)      9 (✓)  
 10 (✓)      11 (✓)      12 (X)  
 13 (X)      14 (X)      15 (✓)  
 16 (✓)      17 (X)      18 (✓)  
 19 (X)      20 (✓)      21 (✓)  
 22 (✓)      23 (✓)      24 (X)

- 25 (✓)      26 (✓)      27 (X)  
 28 (X)      29 (✓)      30 (✓)  
 31 (X)      32 (✓)      33 (X)  
 34 (X)      35 (X)      36 (✓)  
 37 (X)      38 (X)      39 (X)  
 40 (✓)      41 (✓)      42 (X)  
 43 (X)

**Fourth: Match:**

- 1 0      2 1  
 3 4,200,000      4 4,200  
 5 35      6 300

**Match each paragraph of (a) with its appropriate answer in (b):**

- 1 70,000,000      2 700,000  
 3 28      4 70  
 5 70,000

- 1 173,904,562      2 37,098  
 3 800 hundreds.  
 4 908,000      5 522,000

- 1 605,212      2 20  
3 6,330      4 650,021,000  
5 120

- 1 7,500      2 490  
3 Hundred thousands.  
4 100,000      5 Hundred.

- 1 500,000      2 95,432  
3 4,000      4 Thousand.  
5 18

- 1 1,500      2 6,454  
3 75      4 28  
5 25,000

**Fifth: Essay questions:**

- 1 The next point on the scale line  
plot =  $5 + 10 = 15$   
2 The area of the used piece  
=  $8 \times 8 = 64 \text{ cm}^2$ .  
3 Hundred-thousands.  
4 179,462,490  
(There are other answers).

- 5 The total number of people  
vaccinated in both stages is:  
 $1,653,465 + 3,312,447$   
 $= 4,965,912$  people.  
6 The ascending order : 8 mm ,  
8 m , 8,000 cm , 8 km.  
7 The difference between the  
population of Matrouh  
Governorate and the  
population of South Sinai  
Governorate is:  
 $405,690 = 112,211 - 517,901$   
people.  
8 The perimeter =  $2 \times (4 + 7) = 22 \text{ cm}$ .  
9 Mohamed is paying =  $668,500 -$   
 $342,650 = 325,850$  pounds.  
10 The descending order:  
9 millions, 5 million and 7  
hundred thousands, 900  
thousand, 550,233  
11 Number of the remaining  
minutes =  $1,200 - 700 = 500$   
12 1,000 times.  
13 I don't agree because:  
Number of candy pieces in 10  
boxes =  $10 \times 15 = 150$

**14** The ant works:  $11:23 - 8:06 = 3:17$

**15** The remaining =  $2,000 - 1,200 = 800$  milliliters.

**16** The length =  $3 \times 9 = 27$  m.

**17** Production of the factory in the second year =  $75,437 - 675 = 4,762$

**18** The remaining distance =  $675 - 239 = 436$  km.

**19** Mass of potatoes =  $3,000 + 920 = 3,920$  gm.

Mass of onions =  $3,920 - 1,075 = 2,845$  gm.

**20** The consumed fuel =  $35 - 15 = 20$  liters.

**21** Area of the ground of the room =  $4 \times 4 = 16$  squared meter.

**22** Number of the ant did not leave the colony =  $20,000 - 1,500 = 18,500$

**23** Number of pages that Hanaa read =  $n$ .

Number of pages that Sahar read =  $3n$ .

**24** The difference =  $905,867 - 678,500 = 227,367$  liters.

**25** The digit 7 moved from tens place to hundreds place, So its value changed from 70 to, 700, That means;  $70 \times 10 = 700$ , The value of a digit in hundreds place is 10 times its value in tens place.

**26**

The frame.	The wall.
Width = 1 m.	Width = $2 \times 1 = 2$ m.
Length = 2 m.	Length = $3 \times 2 = 6$ m.
	$P = (6+2) \times 2 = 16$ m.

**27** Number of ants in the two bridges =  $142 + 165 = 307$